



# شركة أبولو لكيمائيات الأبنية

## Apollo For Construction Chemicals

### MATREIAL SAFETY DATA SHEET (NASA GP202)

#### 1-PROUDCT AND COMPANY IDENTIFICATION

**Product Name:** Nasa GP202.  
**Chemical Family:** Acrylic floor coating.  
**Manufacturer:** **Apollo For Construction Chemicals**  
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**Date Prepared:** 01.07.2023  
**MSDS Number:** Nasa/05/28/155

#### 2- COMPOSITION /INFORMATION ON INGREDIENTS

**Composition :** Acrylic polymer, solvent.

Hazardous Ingredient(s):	Symbol	Risk Phrases	CAS No.	%
Xylene	Xn,F	R10, 20/21, 36	1330-20-7	60-85

Refer to Section 8 for Occupational Exposure Limits.

#### 3-HAZARD INFORMATION

**Hazard information:** Flammable.  
Harmful by inhalation and in contact with skin. Irritating to eyes.

**Classification:** Xn, F. R10, 20/21, 36.



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#### 4-FIRST AID MEASURES

<b>Eyes:</b>	Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.
<b>Skin:</b>	Remove contaminated clothes and shoes. Wash immediately with water at least 15 minutes and follow with soap and water. Obtain medical for advice if skin disorders develop.
<b>Inhalation:</b>	Remove from exposure; obtain medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion:</b>	Do not induce vomiting. Obtain medical attention or deliver to closest hospital. Beware of aspiration if vomiting occurs.

#### 5-FIRE FIGHTING MEASURES

Flash point (Closed Cup):	26°C.
Extinguishing media:	Carbon dioxide, powder, foam or water. Don't Use water jets.
Personal protective equipment:	Self-contained breathing apparatus and full protective clothing.
Special Exposure hazards:	Toxic fumes. Carbon Oxides.

#### 6- ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. If possible remove all possible sources of ignition. Wear suitable protective clothing, gloves and eye/face protection.
<b>Environmental Precautions:</b>	Prevent entry into drains, sewers and water courses.
<b>Decontamination Procedures:</b>	Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

#### 7- HANDLING AND STORAGE

<b>Handling:</b>	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Storage:</b>	Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Store in conformity with local fire regulations. Store away from sources



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#### 8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Eye protection:</b>	Safety glasses/goggles.						
<b>Skin protection:</b>	Impervious gloves (e.g. PVC). Suitable protective clothing.						
<b>Respiratory protection:</b>	Organic chemical cartridge respirator.						
<b>Hygiene measures:</b>	Change contaminated clothing and clean before re-use.						
<b>Engineering controls:</b>	Use only in well ventilated areas. Local exhaust ventilation is recommended.						
<b>Exposure guidelines:</b>	<table><thead><tr><th>OSHA</th><th>PEL</th><th>STEL</th></tr></thead><tbody><tr><td>Xylene</td><td>100ppm</td><td>150ppm</td></tr></tbody></table>	OSHA	PEL	STEL	Xylene	100ppm	150ppm
OSHA	PEL	STEL					
Xylene	100ppm	150ppm					

#### 9-PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid.
<b>Color:</b>	Clear-light yellowish.
<b>Odour:</b>	Aromatic.
<b>pH (concentrate):</b>	Not applicable.
<b>Boiling Point (°C):</b>	136-145.
<b>Flash Point (closed cup) (°C):</b>	26 °C.
<b>Autoflammability (°C):</b>	Autoignition temperature ~ 432-530°C.
<b>Relative Density (@25°C):</b>	0.94.
<b>Water Solubility:</b>	Slightly soluble.

#### 10- STABILITY AND REACTIVITY

<b>Stability:</b>	Contains volatile solvent. Stable under normal.
<b>conditions. Conditions to Avoid:</b>	Any source of ignition. And temperatures above.
<b>35°C. Chemical incompatibility:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition yield oxides of carbon, toxic fumes.



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### 11-TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Acute Oral effect (LD50-)>2000mg/kg (Rat).

Health Effects

On Eyes:	Moderate irritation.
On Skin:	Irritation.
By Inhalation:	May cause respiratory irritation.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact may lead to lever and kidney NA.

### 12- ECOLOGICAL INFORMATION

<b>Environmental Assessment:</b>	Contains volatile organic compounds.
<b>Mobility:</b>	Liquid. Contains volatile components.
<b>Degradability:</b>	Readily biodegradable.
<b>Bioaccumulation:</b>	Not expected to be bioaccumulate.
<b>Acute fish toxicity:</b>	Ecotoxic to fish/ daphnia/ algae.

### 13- DISPOSAL CONSIDERATION

**Disposal must be in accordance with local and national legislation.**

<b>Unused Product:</b>	Dispose off through an authorized waste contractor to a licensed site.
<b>Used/ Contaminated Product:</b>	As for unused product.
<b>Packaging:</b>	Must be disposed off through an authorized waste contractor.



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### 14- TRANSPORT INFORMATION



UN Number: 1263

Transport Name: Paints- flash point between 21°C and 55°C

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO/IMDG	3.3	III	No
Air Transport	IATA	3	III	
At land	RID/ADR	3	Item 31c	

### 15- REGULATORY INFORMATION

Hazard Label Data:

F

Xn



Flammable



Harmful

Named Ingredients:

Xylene

UN Number:

1263

Risk Phrases:

R10

Flammable.

R20/21

Harmful by inhalation and in contact with skin.

R36

Irritating to eyes.

Safety Phrases:

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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## MATREIAL SAFETY DATA SHEET (NASA GP202)

S36/37/39 Wear suitable protective clothing, gloves

### 16- OTHER INFORMATION

<b>Issue Date:</b>	20/07/2023
<b>Disclaimer:</b>	The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.